

## CARBON FORGED STEEL FLANGES

List #1111CF

| SIZE | OD | SLIP-ON | WELD NECK | BLIND | THREADED | SOCKET WELD | LAP JOINT |
|------|----|---------|-----------|-------|----------|-------------|-----------|
|------|----|---------|-----------|-------|----------|-------------|-----------|

\*\*\*\*\*CLASS 150# CARBON STEEL FLANGES\*\*\*\*\*

|        |        |         |         |         |        |        |         |
|--------|--------|---------|---------|---------|--------|--------|---------|
| 1/2"   | 3.50"  | 20.59   | 30.11   | 24.71   | 31.02  | 27.18  | 21.69   |
| 3/4"   | 3.88"  | 20.59   | 30.11   | 24.71   | 31.02  | 27.18  | 21.69   |
| 1"     | 4.25"  | 20.59   | 30.11   | 24.71   | 31.02  | 27.18  | 21.69   |
| 1-1/4" | 4.62"  | 20.59   | 30.11   | 24.71   | 31.02  | 27.18  | 21.69   |
| 1-1/2" | 5.00"  | 20.59   | 30.11   | 24.71   | 31.02  | 27.18  | 21.69   |
| 2"     | 6.00"  | 22.88   | 34.48   | 27.58   | 34.75  | 29.93  | 24.18   |
| 2-1/2" | 7.00"  | 39.16   | 37.48   | 41.96   | 42.59  | 40.21  | 38.93   |
| 3"     | 7.50"  | 31.08   | 40.92   | 35.16   | 42.85  | 40.00  | 36.94   |
| 3-1/2" | 8.50"  | 38.95   | 49.67   | 49.28   | 49.80  | POA    | 40.39   |
| 4"     | 9.00"  | 38.95   | 52.28   | 49.28   | 49.80  | 49.65  | 40.39   |
| 5"     | 10.00" | 67.84   | 78.43   | 77.62   | 78.38  | POA    | 63.40   |
| 6"     | 11.00" | 64.05   | 78.98   | 75.03   | 86.14  | 81.18  | 67.84   |
| 8"     | 13.50" | 97.25   | 139.53  | 163.76  | 147.84 | 116.99 | 107.56  |
| 10"    | 15.00" | 167.84  | 212.29  | 253.96  | 268.71 | POA    | 169.93  |
| 12"    | 19.00" | 248.89  | 341.59  | 369.75  | 375.03 | POA    | 311.61  |
| 14"    | 21.00" | 352.81  | 444.71  | 591.37  | POA    | POA    | 664.28  |
| 16"    | 23.50" | 516.99  | 668.63  | 872.81  | POA    | POA    | 867.15  |
| 18"    | 25.00" | 642.35  | 941.05  | 1183.27 | POA    | POA    | 987.82  |
| 20"    | 27.50" | 734.41  | 1147.06 | 1487.35 | POA    | POA    | 1113.55 |
| 24"    | 32.00" | 1061.31 | 1542.48 | 2052.94 | POA    | POA    | 1333.43 |

\*\*\*\*\*CLASS 300# CARBON STEEL FLANGES\*\*\*\*\*

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 1/2"   | 3.75"  | 27.45  | 36.24  | 32.12  | 34.31  | 34.31  | 29.92  |
| 3/4"   | 4.62"  | 27.45  | 36.24  | 32.12  | 34.31  | 34.31  | 29.92  |
| 1"     | 4.88"  | 27.45  | 36.24  | 32.12  | 34.31  | 34.31  | 29.92  |
| 1-1/4" | 5.25"  | 27.45  | 36.24  | 32.12  | 34.31  | 34.31  | 29.92  |
| 1-1/2" | 6.12"  | 27.45  | 36.24  | 32.12  | 34.31  | 34.31  | 29.92  |
| 2"     | 6.50"  | 36.47  | 45.10  | 35.95  | 39.87  | 39.08  | 34.38  |
| 2-1/2" | 7.50"  | 41.18  | 51.63  | 63.14  | 55.82  | 47.22  | 49.54  |
| 3"     | 8.25"  | 44.84  | 55.61  | 59.58  | 59.48  | 62.09  | 51.63  |
| 3-1/2" | 9.00"  | 78.41  | 93.36  | 81.57  | 85.62  | POA    | 78.41  |
| 4"     | 10.00" | 78.41  | 93.36  | 81.57  | 85.62  | 101.26 | 78.41  |
| 5"     | 11.00" | 112.05 | 130.59 | 141.44 | 129.10 | POA    | 130.59 |
| 6"     | 12.50" | 112.39 | 140.35 | 151.27 | 163.16 | POA    | 140.52 |
| 8"     | 15.00" | 216.63 | 246.51 | 228.76 | 296.30 | POA    | 235.27 |
| 10"    | 17.50" | 327.32 | 415.95 | 476.18 | 308.83 | POA    | 363.69 |
| 12"    | 20.50" | 423.16 | 555.90 | 637.52 | 373.61 | POA    | 513.25 |

Forged Steel Flanges Conform to ASTM A105 and ASME SA105, ANSI B16.5, MSS-SP 6

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## CARBON FORGED STEEL FLANGES

List #1111CF

| SIZE | OD | SLIP-ON | WELD NECK | BLIND | THREADED | SOCKET WELD | LAP JOINT |
|------|----|---------|-----------|-------|----------|-------------|-----------|
|------|----|---------|-----------|-------|----------|-------------|-----------|

\*\*\*\*\*CLASS 600# CARBON STEEL FLANGES\*\*\*\*\*

|        |        |         |         |         |        |        |       |
|--------|--------|---------|---------|---------|--------|--------|-------|
| 1/2"   | 3.75"  | 40.63   | 43.92   | 39.53   | 78.24  | 62.86  | 66.50 |
| 3/4"   | 4.62"  | 40.63   | 43.92   | 39.53   | 78.24  | 62.86  | 66.50 |
| 1"     | 4.88"  | 40.63   | 43.92   | 39.53   | 78.24  | 62.86  | 66.50 |
| 1-1/4" | 5.25"  | 40.63   | 43.92   | 39.53   | 78.24  | 62.86  | 66.50 |
| 1-1/2" | 6.12"  | 40.63   | 43.92   | 39.53   | 78.24  | 62.86  | 66.50 |
| 2"     | 6.50"  | 49.02   | 50.59   | 49.80   | 86.25  | 68.24  | POA   |
| 2-1/2" | 7.50"  | 68.47   | 69.41   | 67.32   | 86.25  | 76.31  | POA   |
| 3"     | 8.25"  | 73.33   | 83.32   | 70.56   | 129.80 | 92.33  | POA   |
| 3-1/2" | 9.00"  | 146.80  | 157.80  | 153.18  | 190.27 | POA    | POA   |
| 4"     | 10.75" | 146.80  | 157.80  | 153.18  | 190.27 | 151.26 | POA   |
| 5"     | 13.00" | 164.70  | 120.24  | 233.67  | 231.35 | POA    | POA   |
| 6"     | 14.00" | 334.51  | 285.69  | 324.52  | 248.57 | POA    | POA   |
| 8"     | 16.50" | 532.68  | 494.77  | 516.34  | 425.82 | POA    | POA   |
| 10"    | 20.00" | 1176.44 | 780.94  | 784.18  | 533.26 | POA    | POA   |
| 12"    | 22.00" | 1827.76 | 1458.69 | 1437.86 | 680.40 | POA    | POA   |

Call for discount

Call for discount

| CLASS 900# STEEL FLANGES |                     |        |        | CLASS 1500# STEEL FLANGES |                     |        |        |
|--------------------------|---------------------|--------|--------|---------------------------|---------------------|--------|--------|
|                          | OD                  | LIST   | WEIGHT |                           | OD                  | LIST   | WEIGHT |
|                          | WELD NECK - XH BORE |        |        |                           | WELD NECK - XH BORE |        |        |
| 2"                       | ...see 1500#...     |        |        | 2"                        | 8.50                | 118.00 | 25#    |
| 3"                       | 9.50                | 197.00 | 31#    | 3"                        | 10.50               | 236.00 | 48#    |
| 4"                       | 11.50               | 308.00 | 53#    | 4"                        | 12.25               | 482.00 | 73#    |
| 6"                       | 15.00               | 734.00 | 110#   | 6"                        | 15.50               | 798.00 | 164#   |

Forged Steel Flanges Conform to ASTM A105 and ASME SA105, ANSI B16.5, MSS-SP 6

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**APPROXIMATE WEIGHTS - FORGED STEEL FLANGES**

|                |           | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" | 5" | 6" | 8"  | 10" | 12" | 14" | 16" | 18" | 20" | 24"  |
|----------------|-----------|------|------|----|--------|--------|----|--------|----|--------|----|----|----|-----|-----|-----|-----|-----|-----|-----|------|
| <b>150 LB.</b> | SLIP ON   | 2    | 2    | 2  | 3      | 3      | 5  | 7      | 8  | 11     | 13 | 15 | 19 | 30  | 43  | 64  | 85  | 93  | 120 | 155 | 210  |
|                | BLIND     | 2    | 2    | 2  | 3      | 3      | 4  | 7      | 8  | 13     | 17 | 20 | 26 | 45  | 70  | 110 | 131 | 170 | 210 | 175 | 410  |
|                | WELDNECK  | 2    | 2    | 2  | 3      | 4      | 6  | 8      | 10 | 12     | 15 | 19 | 24 | 39  | 52  | 80  | 102 | 127 | 140 | 170 | 260  |
|                | LAP JOINT | 2    | 2    | 2  | 3      | 3      | 5  | 7      | 8  | 11     | 13 | 15 | 19 | 30  | 42  | 64  | 99  | 128 | 146 | 185 | 260  |
| <b>300 LB.</b> | SLIP ON   | 3    | 3    | 3  | 4      | 6      | 7  | 10     | 13 | 17     | 22 | 28 | 36 | 58  | 81  | 115 | 164 | 220 | 280 | 325 | 490  |
|                | BLIND     | 2    | 3    | 4  | 6      | 7      | 8  | 12     | 16 | 21     | 27 | 35 | 50 | 81  | 127 | 184 | 235 | 310 | 390 | 495 | 760  |
|                | WELDNECK  | 4    | 4    | 4  | 6      | 8      | 8  | 11     | 14 | 17     | 24 | 31 | 41 | 66  | 90  | 137 | 185 | 249 | 304 | 379 | 549  |
|                | LAP JOINT | 3    | 3    | 3  | 4      | 6      | 7  | 10     | 13 | 17     | 22 | 28 | 39 | 58  | 91  | 139 | 189 | 240 | 305 | 375 | 530  |
| <b>600 LB.</b> | SLIP ON   | 3    | 3    | 3  | 6      | 7      | 8  | 12     | 14 | 20     | 36 | 62 | 75 | 114 | 176 | 214 | 259 | 364 | 474 | 609 | 879  |
|                | BLIND     | 2    | 3    | 3  | 6      | 8      | 10 | 15     | 20 | 29     | 41 | 68 | 86 | 139 | 230 | 195 | 380 | 530 | 670 | 860 | 1180 |
|                | WELDNECK  | 6    | 6    | 6  | 7      | 8      | 10 | 17     | 21 | 25     | 39 | 68 | 78 | 117 | 189 | 225 | 350 | 480 | 560 | 690 | 980  |
|                | LAP JOINT | 3    | 3    | 3  | 6      | 7      | 9  | 12     | 15 | 20     | 36 | 31 | 78 | 112 | 195 | 240 | 290 | 400 | 470 | 610 | 870  |

**\*\*ALL WEIGHTS IN POUNDS.\*\***